

Applicant has amended claims 6-7 and 9, and added new claim 14 to more appropriately define the invention. Claims 6-14 are pending in the application.

Applicant would like to thank the Examiner for his statement that claims 10-13 appear to contain allowable subject matter. The Examiner, however, has not stated the basis for objecting to these claims. As such, Applicant respectfully presumes that independent claims 10, 12, and 13 and claim 11 that depends on claim 10 are in condition for allowance. Applicant therefore respectfully requests the Examiner reconsider and withdraw the objection to these claims.

Bordry et al., the sole reference relied on by the Examiner, discloses a transmission line that is formed by a bundle of twisted pairs having connection points at which there is either a unit for injecting a signal on to at least one of the twisted pairs, a unit for tapping the signal on at least one of the twisted pairs, and/or a control unit. In the system disclosed, a transmission unit transmits a signal to a module that places the signal onto one of the twisted pairs in the bundle. A reception unit can then receive the signal via a module that taps the twisted pair carrying the signal. These modules contain switching matrices which are used to transmit a signal on a particular twisted pair to transmit a signal and tap the appropriate twisted pair in order to receive a signal. As such, the bundle of twisted pairs is as a bus that interconnects the various modules. These modules are connected to end units that act as a control unit to transmit or receive useful signals (i.e., not control signals). Accordingly, the bundle of twisted pairs

does not connect a user interface to a hub, but rather simply acts as a bus that interconnects end units by way of modules.

With regard to the Examiner's rejection of claim 6 under 35 U.S.C. §102(b), as being anticipated by Bordry et al., amended claim 6 recites in part transmitting the analog video signal on a first pair of wires from a user interface to a hub and carrying the digital data signal on a second pair of wires in the same twisted pair cable from the user interface to the hub. As such, the twisted pair cable lies between the user interface and the hub. In contrast, Bordry et al. teaches using a bundle of twisted pairs as a bus that can be used for signal transmission by using a modules that place signals on this bus and receive signals by tapping this bus. As such, Bordry et al. does not teach or suggest transmitting an analog video signal on a first pair of wires in a twisted pair cable from a user interface to a hub and carrying the digital data signal on a second pair of wires in the twisted pair cable , as recited in amended claim 6.

Accordingly, Applicant respectfully requests that the Examiner reconsider and withdraw his rejection of claim 6 under 35 U.S.C. §102(b).

With regard to the Examiner's rejections of claims 7-9 under 35 U.S.C. §103, as discussed above, Bordry et al. merely teaches using a bundle of twisted pairs as a bus in which signals can be sent and tapped by modules. As such, Bordry et al. does not teach or suggest transmitting an analog video signal on a first pair of wires in a twisted

pair cable from a user interface to a hub and carrying the digital data signal on a second pair of wires in the twisted pair cable, as recited in amended claim 7.

Accordingly, Applicant respectfully submits that Bordry et al. does not teach or suggest the invention as recited in amended claim 7. As such, Applicant respectfully submits that amended claim 7 is in condition for allowance. In addition, Applicant respectfully submits that because amended claim 7 is allowable, claims 8-9 that depend directly on claim 7 are likewise in condition for allowance.

With regard to new claim 14, Bordry et al. discloses using separate twisted pairs in the bus (the bundle of twisted pairs) for the transmission of video and data signals. Further, Bordry et al. not only teaches using separate twisted pairs for the transmission of video and data signal, it further requires using different types of modules for the transmission and reception of audio and video signals. (col. 6 ll. 34-58). As such, Bordry et al. does not teach or suggest combining the video and data signals on a single twisted pair, as recited in new claim 14. Accordingly, Applicant respectfully submit that new claim 14 is not taught or suggested by Bordry et al.

In view of the foregoing amendments and remarks, Applicant respectfully requests the reconsideration and reexamination of this application and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge
any additional required fees to our deposit account 06-0916.

Respectfully submitted,

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Dated: February 3, 2000